

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 6

Complete if Known

Application Number	10/783,888
Filing Date	February 20, 2004
First Named Inventor	Joseph J. Kubler et al.
Group Art Unit	2617
Examiner Name	Afshar, Kamran
Attorney Docket No.	14364US13

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A20	US-08/493480	06-1995	Angle		
A21	US-2001/0055978	12-2001	Herrod et al.		
A22	US-2003/002482 A1	01-2003	Kubler et al.		
A23	US-2003/002637	01-2003	Miyahchi et al.		
A24	US-2003/0118081 A1	06-2003	Philips et al.		
A25	US-2003/0174695	09-2003	Lautenschlager et al.		
A26	US-2004/0023651	02-2004	Gollnick et al.		
A27	US-2004/0039833	02-2004	Ludwig et al.		
A28	US-2004/0081135	04-2004	Ewing et al.		
A29	US-2004/0114567 A1	06-2004	Kubler et al.		
A30	US-2004/0146037 A1	07-2004	Kubler et al.		
A31	US-2004/0151150 A1	08-2004	Kubler et al.		
A32	US-2004/0151151 A1	08-2004	Kubler et al.		
A33	US-2004/0151151 A1	08-2004	Kubler et al.		
A34	US-2004/0165573 A1	08-2004	Kubler et al.		
A35	US-2004/0174841 A1	09-2004	Kubler et al.		
A36	US-2004/0174842 A1	09-2004	Kubler et al.		
A37	US-2004/0174843 A1	09-2004	Kubler et al.		
A38	US-2004/0228330 A1	11-2004	Kubler et al.		
A39	US-2004/0246940 A1	12-2004	Kubler et al.		
A40	US-2005/0013266 A1	01-2005	Kubler et al.		
A41	US-2005/0036467 A1	02-2005	Kubler et al.		
A42	US-2005/0152319 A1	07-2005	Kubler et al.		
A43	US-2005/0254475 A1	11-2005	Kubler et al.		
A44	US-3,786,195	01-1974	Schiffman, Murray M.		
A45	US-4,317,195	02-1982	Barberis et al.		
A46	US-4,320,500	03-1982	Barberis et al.		
A47	US-4,450,554	05-1984	Steensma et al.		
A48	US-4,453,247	06-1984	Suzuki et al.		
A49	US-4,493,021	01-1985	Agrawal et al.		
A50	US-4,630,262	12-1986	Callens et al.		
A51	US-4,641,302	02-1987	Miller, William J.		
A52	US-4,704,696	11-1987	Reimer et al.		

EXAMINER SIGNATURE	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ¹Enter Office that issued the document, by the two-letter code (WIPO Standard ST.1). ³For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Kind of document by the appropriate symbol as indicated on the document under WIPO Standard St. 16 if possible.

*Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1800-786-9199) and select option 2.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary))

Sheet	2	6	Attorney Docket Number	14364US13
-------	---	---	------------------------	-----------

Complete if Known

Examiner Initial*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		
A53		US-4,706,242	11-1987	Harland, Geoffrey	
A54		US-4,757,497	07-1988	Bejerle et al.	
A55		US-4,777,633	10-1988	Fletcher et al.	
A56		US-4,847,829	07-1989	Tompkins et al.	
A57		US-4,872,160	10-1989	Hemmady et al.	
A58		US-4,884,132	11-1989	Morris et al.	
A59		US-4,903,261	02-1990	Baran et al.	
A60		US-4,910,794	03-1990	Mahany, Ronald L.	
A61		US-4,941,089	07-1990	Fischer, Michael A.	
A62		US-5,008,929	04-1991	Olsen et al.	
A63		US-5,068,916	11-1991	Harrison et al.	
A64		US-5,103,467 A	04-1992	Bedlek et al.	
A65		US-5,121,391	06-1992	Paneth et al.	
A66		US-5,128,959	07-1992	Bruckert, Eugene J.	
A67		US-5,142,532	08-1992	Adams, John L.	
A68		US-5,148,429 A	09-1992	Kudo et al.	
A69		US-5,159,592 A	10-1992	Perkins, Charles E.	
A70		US-5,168,498 A	12-1992	Adams et al.	
A71		US-5,220,565 A	06-1993	Wilson et al.	
A72		US-5,222,152 A	06-1993	Fishbine et al.	
A73		US-5,231,646	07-1993	Heath et al.	
A74		US-5,251,205 A	10-1993	Callon et al.	
A75		US-5,251,232	10-1993	Nonami, Takayuki	
A76		US-5,268,933 A	12-1993	Averbuch, Nimrod	
A77		US-5,273,437	12-1993	Caldwell et al.	
A78		US-5,280,472	01-1994	Gilhouse et al.	
A79		US-5,287,384	02-1994	Avery et al.	
A80		US-5,301,356	04-1994	Bodin et al.	
A81		US-5,325,419	06-1994	Connolly et al.	
A82		US-5,327,486	07-1994	Wolff et al.	
A83		US-5,341,374	08-1994	Lewen et al.	
A84		US-5,367,558 A	11-1994	Gilling et al.	
A85		US-5,373,503	12-1994	Chen, Kwang-Cheng	
A86		US-5,384,807	01-1995	Yatim et al.	
A87		US-5,392,281 A	02-1995	Baumert et al.	

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	3	6	Attorney Docket Number	14364US13
-------	---	---	------------------------	-----------

Complete if Known

Application Number	10/783,888
Filing Date	February 20, 2004
First Named Inventor	Joseph J. Kubler et al.
Group Art Unit	2617
Examiner Name	Afshar, Kamran

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A88	US-5,394,436		02-1995	Meier et al.	
A89	US-5,398,190		03-1995	Wortham, Larry C.	
A90	US-5,404,579		04-1995	Obayashi et al.	
A91	US-5,406,271 A		04-1995	Sonnendorfer et al.	
A92	US-5,422,656 A		06-1995	Allard et al.	
A93	US-5,428,616		06-1995	Field et al.	
A94	US-5,428,664		06-1995	Kobayashi, Takeo	
A95	US-5,434,856		07-1995	Huang, Jian-Cheng	
A96	US-5,444,707 A		08-1995	Cerna et al.	
A97	US-5,453,986 A		09-1995	Davis et al.	
A98	US-5,461,611		10-1995	Drake et al.	
A99	US-5,477,531 A		12-1995	McKee et al.	
A100	US-5,477,539		12-1995	Brown, Thomas A.	
A101	US-5,481,533 A		01-1996	Honig et al.	
A102	US-5,481,539 A		01-1996	Hershey et al.	
A103	US-5,483,676		01-1996	Mahany et al.	
A104	US-5,490,134		02-1996	Fernandes et al.	
A105	US-5,499,287		03-1996	Beck et al.	
A106	US-5,502,726 A		03-1996	Fischer, Michael	
A107	US-5,506,847		04-1996	Shobatake, Yasuro	
A108	US-5,506,848 A		04-1996	Drakopoulos et al.	
A109	US-5,521,925 A		05-1996	Merakos et al.	
A110	US-5,524,145		06-1996	Parker, Alita M.	
A111	US-5,526,353		06-1996	Henley et al.	
A112	US-5,533,019		07-1996	Jayapalan, Jay P.	
A113	US-5,534,937		07-1996	Zhu et al.	
A114	US-5,535,207		07-1996	Dupont, Pierre	
A115	US-5,539,729		07-1996	Bodnar, Bohdan L.	
A116	US-5,550,893		08-1996	Heidari, Alireza R.	
A117	US-5,557,664		09-1996	Burns et al.	
A118	US-5,566,170		10-1996	Bakke et al.	
A119	US-5,570,367		10-1996	Ayanoglu et al.	
A120	US-5,579,487		11-1996	Meyerson et al.	
A121	US-5,581,596		12-1996	Hogan, Jerry C.	
A122	US-5,586,113		12-1996	Adachi et al.	

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form next with communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	4	6	Attorney Docket Number	14364US13
-------	---	---	------------------------	-----------

Complete if Known

Application Number	10/783,888
Filing Date	February 20, 2004
First Named Inventor	Joseph J. Kubler et al.
Group Art Unit	2617
Examiner Name	Afshar, Kamran

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A123	US-5,596,573 A		01-1997	Bertland, Staffan	
A124	US-5,600,638		02-1997	Bertin et al.	
A125	US-5,602,836		02-1997	Papadopoulos et al.	
A126	US-5,602,846		02-1997	Holmquist et al.	
A127	US-5,604,737 A		02-1997	Iwami et al.	
A128	US-5,610,617		03-1997	Gans et al.	
A129	US-5,613,190		03-1997	Hyton, Denny L.	
A130	US-5,615,210		03-1997	Kaiyama et al.	
A131	US-5,617,410		04-1997	Matsumoto, Mariko	
A132	US-5,623,485		04-1997	Bi, Qi	
A133	US-5,628,055 A		05-1997	Stein, Per	
A134	US-5,631,900		05-1997	McCaslin et al.	
A135	US-5,635,980		06-1997	Lin et al.	
A136	US-5,649,010		07-1997	Gysel et al.	
A137	US-5,650,994		07-1997	Daley, Kathleen	
A138	US-5,654,957		08-1997	Koyama, Toshiaki	
A139	US-5,654,969		08-1997	Wilhelmsson, Lennart	
A140	US-5,659,698		08-1997	Weng et al.	
A141	US-5,666,534		09-1997	Gilbert et al.	
A142	US-5,678,172 A		10-1997	Dinkins, Gilbert M.	
A143	US-5,682,379		10-1997	Mahany et al.	
A144	US-5,699,423		12-1997	Yoshida et al.	
A145	US-5,717,737		02-1998	Doviak et al.	
A146	US-5,726,984 A		03-1998	Kubler et al.	
A147	US-5,729,544		03-1998	Lev et al.	
A148	US-5,734,981		03-1998	Kennedy et al.	
A149	US-5,742,592		04-1998	Scholefield et al.	
A150	US-5,742,639		04-1998	Fasulo et al.	
A151	US-5,745,533		04-1998	Asada et al.	
A152	US-5,745,556		04-1998	Ronen, Yzhak	
A153	US-5,758,256		05-1998	Berry et al.	
A154	US-5,774,461		06-1998	Hyden et al.	
A155	US-5,774,854		06-1998	Sharm, Richard Anthony	
A156	US-5,777,991		07-1998	Adachi et al.	
A157	US-5,793,762		08-1998	Penners et al.	

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form next with communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	5	6	Attorney Docket Number	14364US13
-------	---	---	------------------------	-----------

Complete if Known

Application Number	10/783,888
Filing Date	February 20, 2004
First Named Inventor	Joseph J. Kubler et al.
Group Art Unit	2617
Examiner Name	Afshar, Kamran

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A158		US-5,796,727	08-1998	Harrison et al.	
A159		US-5,796,772 A	08-1998	Smith et al.	
A160		US-5,812,531	09-1998	Cheung et al.	
A161		US-5,812,944	09-1998	Matsumoto, Kouichi	
A162		US-5,838,730	11-1998	Cripps, Peter K.	
A163		US-5,842,134	11-1998	Brown et al.	
A164		US-5,842,224	11-1998	Fenner, Peter R.	
A165		US-5,915,214 A	06-1999	Reece et al.	
A166		US-5,953,319	09-1999	Dutta et al.	
A167		US-5,956,673 A	09-1999	Weaver et al.	
A168		US-5,960,074	09-1999	Clark, Curtis	
A169		US-5,987,099	11-1999	O'Neill et al.	
A170		US-6,046,992	04-2000	Meier et al.	
A171		US-6,073,030 A	06-2000	Nair et al.	
A172		US-6,104,706 A	08-2000	Richter et al.	
A173		US-6,108,704	08-2000	Hutton et al.	
A174		US-6,131,121	10-2000	Mattaway et al.	
A175		US-6,132,306	10-2000	Trompower, Michael L.	
A176		US-6,134,312	10-2000	Peoples, John Terrance	
A177		US-6,157,653 A	12-2000	Kline et al.	
A178		US-6,345,047 B1	02-2002	Regnier, Jean Michel	
A179		US-6,366,771	04-2002	Angle et al.	
A180		US-6,453,351 B1	09-2002	Endo, Noboru	
A181		US-6,542,497	04-2003	Curry et al.	
A182		US-6,553,410	04-2003	Kikinis, Dan	
A183		US-6,633,635	10-2003	Kung et al.	
A184		US-6,850,510 B2	02-2005	Kubler et al.	
A185		US-6,961,312 B2	11-2005	Kubler et al.	
A186		US-7,058,424	06-2006	Gadgil et al.	
A187		US-7,136,475	11-2006	Rogers et al.	
A188		US-7,161,931	01-2007	Li et al.	
A189		US-7,366,151 B2	04-2008	Kubler et al.	
A190		US-H.001,641 H	04-1997	Sharma, Duane R.	
A191		US-RE38,787 E	08-2005	Sainton et al.	

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/783,888
				Filing Date	February 20, 2004
				First Named Inventor	Joseph J. Kubler et al.
				Group Art Unit	2617
				Examiner Name	Afshar, Kamran
Sheet	6	6		Attorney Docket Number	14364US13

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C34	Decision of Appeals 2008-1199, -1271, -1272 in the United States Court of Appeals for the Federal Circuit, <i>Broadcom Corporation v. Qualcomm Incorporated</i> , On appeal from the United States District Court for the Central District of California in Case No. 05-CV-467-JVS, Decided September 24, 2008.
	C35	Black, Uyless; ATM Volume I; Prentice Hall, 1995, PP 244-245.
	C36	Dynamic Computation of TCP Maximum Window Size for Directly Connected Hosts, 4/1/94, IBM Technical Disclosure Cross Ref. No. 0018-8689-37-4A-601, PP: 601-608.
	C37	Martin, Local Area Networks, 1994, Prentice Hall, PP:367-369.
	C38	Martin, Local Area Networks, 1994, Prentice-Hall, PP:372-373.
	C39	Stevens, TCP/IP Illustrated, Volume 1, 1994, Addison-Wesley, PP: 104-107.

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.